

ZHUKOV, K.

An urgent objective. NTO 2 no.10:8-10 0 '60. (MIRA 13:10)

1. Pervyy sekretar' Lipetskogo obkoma Kommunisticheskoy partii
Sovetskogo Soyuza.
(Lipetsk Province--Technological innovations)

ZHUKOV, K., kandidat arkhitektury

House built from "rock flax". Znam.sila 36 no.3:21 Mr '61.
(MIRA 14:3)

(Asbestos cement)

AKBULATOV, Sh.; ZHUKOV, K., starshiy nauchnyy sotrudnik

What's new in using asbestos cement in housing construction.
Na stroi. Mosk. no. 1: 13-16 Ja '59. (MIRA 12:1)

1. Ispolnyayushchiy obyazannosti direktora kompleksnogo instituta Akademii stroitel'stva i arkhitektury, Krasnoyarsk (for Akbulatov).
2. Nauchno-issledovatel'skiy institut zhilishcha Akademii stroitel'stva i arkhitektury SSSR (for Zhukov).
(Asbestos cement)

BAYEVSKIY, R.M.; ZHUKOV, K.I.

Effect of a prolonged weightlessness on the automatism function
of the cardiac muscle. Kosm. issl. 2 no.6:936-938 N-D '64.
(MIRA 17:12)

ZHUKOV, K., kandidat arkhitektury

Main tower. Znan. sila 36 no. 2:26-27 F '61.
(Moscow--Towers)

(MIRA 14:5)

ZHUKOV, K., arkhitekt

"Nailable" concrete. Znan.sila 35 no.3:31-33 Mr '60. (MIRA 13:6)

(Concrete--Technical innovations)

ZHUKOV, K. --arkhitektor

Parthenon. Znan.-sila 35 no.2:34-35 Y '60.
(MIRA 13:5)

(Athens--Parthenon)

NIKITIN, Yu.M.; TUMANSKIY, S.K., doktor tekhn.nauk, retsenzent;
SOYFER, A.M., kand.tekhn.nauk, dotsent, retsenzent;
ZHUKOV, K.A., inzh., retsenzent; SKUBACHEVSKIY, G.S.,
prof., doktor tekhn.nauk, red.; YANOVSKIY, I.L., inzh.,
red.; KHRUSTALEVA, A.A., red.isd-va; ORSHKINA, V.I.,
tekhn.red.

[Designing elements of parts and units of aircraft engines]
Konstruirovaniye elementov detalei i uslov aviatsionnykh
dvigatelei. Pod red. G.S.Skubachevskogo. Moskva, Gos.
nauchno-tekhn.isd-vo Oborongiz, 1961. 287 p. (MIRA 14:12)
(Airplanes--Engines)

ZHUKOV, K.S.

Quenching foam on fodder molasses in reservoirs. K. S. Zhukov
(*Sakhar. Prom.*, 1953, No. 4, 32-34; *Sug. Ind. Abstr.*, 1953, 15,
100).—By injecting a thin jet of steam at 4 atm. pressure (three
times for 16-20 hr. at 3-day intervals), 90-92% of the foam could
be recovered as syrup (analysis given); the remainder had to be
removed as scum. P. S. Anip.

ZHUKOV, K.S.,
KOROLKOV, S.I., Trans. Central Sci. Research Inst. Sugar Ind.
No. 20, 113-22 (1934)

ZHUKOV, K. S.; KATS, D. I.

Sugar Industry

Nomograms for controlling defecation and preliminary defecation with return of
insufficiently carbonated juice of the first saturation. Sakh. prom 26 no. 9, 1952

Monthly List of Russian Accessions. Library of Congress, December 1952. UNCLASSIFIED.

ZHUKOV, K. S.

Chemical Abst.

Vol. 48 No. 4

Feb. 25, 1954

Sugar, Starch, and Gums

✓ Abatement of molasses foam in tanks. K. S. Zhukov.
Sakharnaya Prom. 27, No. 4, 32-4(1953). — Live steam
injection at 4 atm. abates foam and recovers 90-92% of
soluble molasses. V. P. Bulkov

ZHUKOV, M. S.

Chem Abs

U.48 25 Jan 54

Botany

✓ The effect of univalent and bivalent cations on formation of lyophilic colloids in cells and tissues of plants. M. S. Zhukov. *Doklady Akad. Nauk S.S.S.R.* 92, 100-72 (1953).—Tests with sugar beet and corn, as well as oats, showed that generally an increase of content of a cation in the nutrient soln. raises the content of that cation in the plant matter. Generally, K declines with age of the plant, but Ca rises. The amt. of lyophilic colloids in roots or leaves of beet depends directly on the cation content in the nutrient soln. (tests with Ca, Mg, K, and Na); the content of such colloids in leaves is 2-3 times greater than in the roots. Increase of Mg or especially Ca lowers the content of lyophilic colloids, but increase of Na or especially K raises their content. The univalent cations are more effective than bivalent ones. Near the end of vegetative period the beet root suffers a considerable loss of lyophilic colloids, connected with aging processes, and its accumulation of Ca.

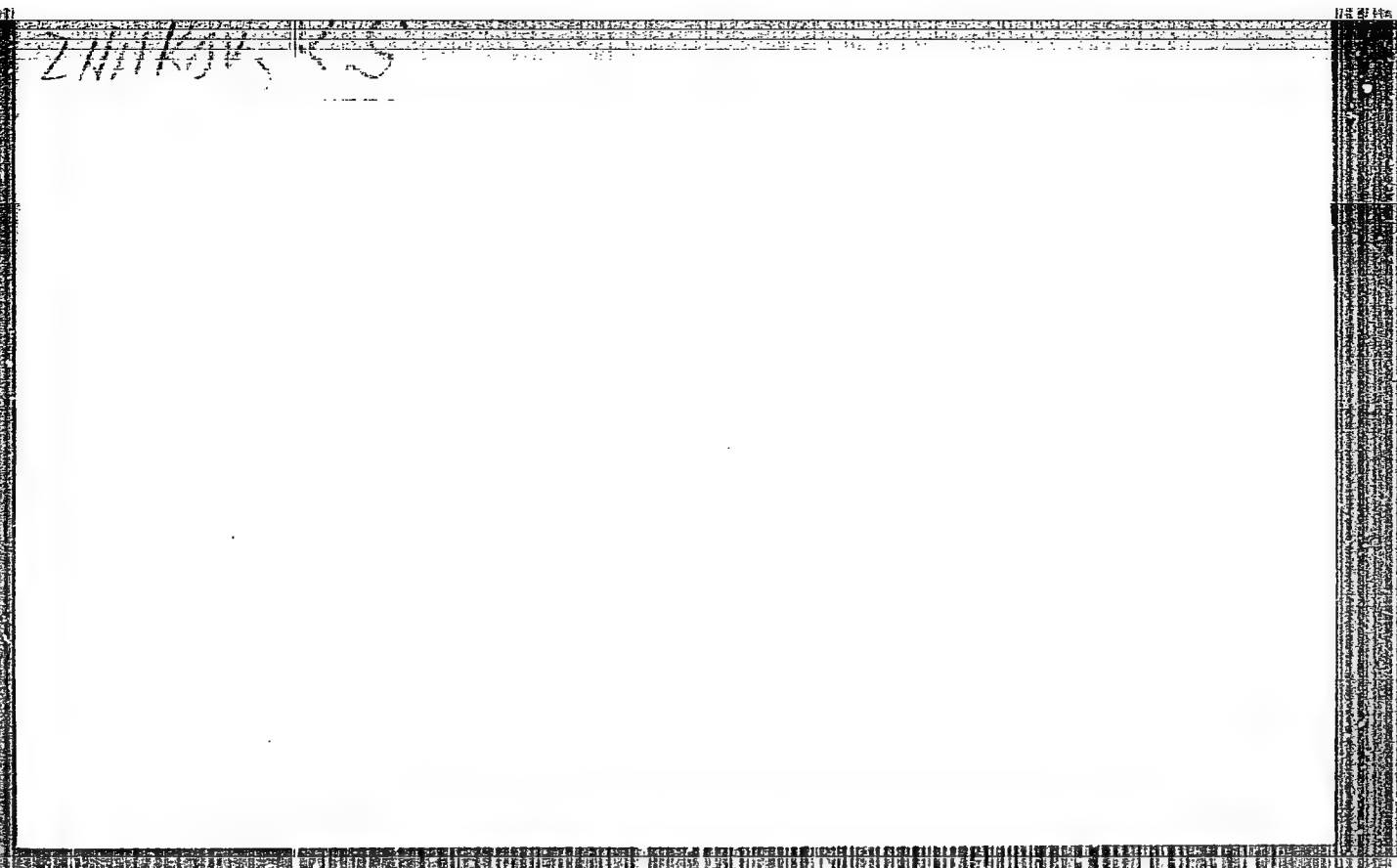
ZHUKOV, K.S.

Return of clear juice to predefecation. Sakh.prom. 28 no.7:32-33 '54.
(MLRA 8:1)

1. Kapitánovskiy sakharnyy zavod.
(Sugar industry)

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920013-4



APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002064920013-4"

ZHUKOV, K.S.

Removing foam from feed molasses in storage tanks. Sakh.prom. 27 no.4:
32-33 Ap '53. (MLRA 6:6)

1. Kapitanovskiy sakharnyy zavod.

(Molasses) (Foam)

1. ZHUKOV, K.S.

2. USSR (600)

4. Sugar Industry

7. Our practice in filtering juice and syrup. Sakh.prom 26 no. 12 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

ZHUKOV, Konstantin Vasil'yevich, kandidat arkhitektury; GORSHKOV, A.P.,
redaktor izdatel'stva; GUSEVA, S.S., tekhnicheskij redaktor

[Complete window blocks; new elements of precast reinforced concrete]
Kombinirovannyye okonnye bloki; novyye detal'i sbornogo zhelezobetona.
Moskva, Gos. izd-vo lit-ry po stroit. i arkhitektura, 1956. 20 p.
(Windows) (MLRA 10:1)

KAZAKOV, I.V., inzh.; BUYANOV, Yu.P., inzh.; ROMANOV, A.A., inzh.;
TSAREGRADSKIY, A.V., inzh.; YAKUSHEV, A.P., inzh.; ZHUKOV,
K.V., kand. arkh.; GOLOVIN, V.V., inzh.; LOS', A.A., inzh.;
CHERKINSKAYA, R.L., red. izd-va; SHERSTNEVA, N.V., tekhn.
red.

[Catalog of asbestos-cement products and elements for
residential buildings] Katalog asbestotsementnykh izdelii i
konstruktsii dlia zhilykh domov. Moskva, Gosstroizdat,
1963. 34 p. (MIRA 16:6)

1. Akademiya stroitel'stva i arkhitektury SSSR. TSentral'nyy
nauchno-issledovatel'skiy i proyektno-eksperimental'nyy in-
stitut industrial'nykh zhilykh i massovykh kul'turno-bytovykh
zdaniy. 2. TSentral'nyy nauchno-issledovatel'skiy i proyektno-
eksperimental'nyy institut industrial'nykh zhilykh i massovykh
kul'turno-bytovykh zdaniy (for Kazakov, Buyanov, Romanov,
TSaregradskiy, Yakushev, Zhukov). 3. Gosudarstvennyy trest po
proyektirovaniyu zhilykh i obshchestvennykh zdaniy, ikh obo-
rudovaniya i blagoustroystva naselennykh mest (for Golovin,
Los').

(Asbestos cement)

(Apartment houses--Design and construction)

ZHUKOV, K.Ye., kandidat arkhitektury; MISTEROVA, Z.M., arkhitektor; KOREN'KOV,
V.Ye., kandidat tekhnicheskoy nauk, redaktor; PALLADINA, G.A.,
arkhitektor, redaktor izdatel'stva.

[Problems in the architecture of panel-built apartment houses]
Voprosy arkhitektury panel'nykh zhilykh domov. Pod obshchei red.
V.M.Koren'kova. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit.
1956. 69 p. (MLRA 10:2)

(Precast concrete construction)
(Apartment houses)

LUKOSHKINA, L.A., kand. tekhn. nauk; MAKOTINSKIY, M.P., kand. arkh.;
MIKHAYLEVSKIY, P.A., inzh.; TSILLI, L.B., kand. arkh.;
SHIPANOV, I.A., arkh.; Primalni uchastiye: BOGUSLAVSKIY,
A.I., inzh.; GALAKTIONOV, A.A., kand. tekhn. nauk; LIVSHITS,
A.M., inzh.; ZHUKOV, K.V., kand. arkh., retsenzent; SOKOLOV,
P.N., prof., retsenzent; GURVICH, E.A., rod. izd-va; TEMKINA,
Ye.L., tekhn. red.

[Catalog of finishing materials and products] Katalog otdeloch-
nykh materialov i izdelii. Moskva, Gosstroizdat. Pt.4. [As-
bestos cement] Asbestotsement. 1961. 36 p. (MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh
stroitel'nykh materialov. 2. Nauchno-issledovatel'skiy institut
slyudy, asbestotsementnykh izdeliy i proyektirovaniya stroitel'-
stva predpriyatiy slyudinoy promyshlennosti (for Lukoshkina,
Mikhaylevskiy).

(Asbestos cement)

ZHUKOV, K.V.; BLOKHIN, B.N., professor, redaktor; PALLADINA, G.A., arkhitek-
tor, redaktor izdatel'stva

[Architecture of apartment houses built of large concrete blocks;
planning and construction practice in cities of the R.S.F.S.R.]
Arkhitelktura zhilykh domov iz krupnykh blokov; praktika proektiro-
vaniia i stroitel'stva v gorodakh RSFSR. Pod obshchei red. B.N.
Blokhin. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitelkture,
1956. 86 p. (MLBA 10:1)

(Apartment houses) (Precast concrete construction)

ZHUKOV, K.Ye., shofer

Gondola-type bodies for dump trucks. Suggested by K.E. Zhukov.
Rats.i izobr.predl.v stroi. no.14:17-19 '60.
(MIRA 13:6)

1. Po materialam tresta No.5 Neftexavodstroy Gor'kovskogo
sovnarkhoza.
(Dump trucks)

ZHUKOV, L.A.

Electro-contact device for a marine current meter. Trudy GOIN
no.30:129-130 '55. (MLRA 9:8)

1. Leningradskiy gidrometeorologicheskii institut.
(Flowmeters)

TIMONOV, V.V.; ZHUKOV, I.A.

The dynamic method as a modern means for studying ocean currents.
Meteor. i gidrol. no. 5:50-55 My '56. (MIRA 9:8)
(Ocean currents)

ZHUKOV, L.A.

Approximate temperature calculation for the active layer of the sea.
Trudy Okean., kom. 10 no.1:50-60 '60. (MIRA 14:6)

1. Leningradskiy gidrometeorologicheskii institut.
(Ocean temperature)

ZHUKOV, L.A.

Approximate calculation of temperature and salinity variations in the active layer of the sea and their effect on currents. Trudy Okean.kon. 11:158-163 '61. (MIRA 14:7)

(Ocean temperature) (Salinity) (Ocean currents)

2 H4KOV, L. A.

TIMONOV, V. V., TYURYAKOV, B. I., ZHUKOV, L. A.,

"Studies of the year-by-year variations of the state of the ocean-atmosphere system in the North Atlantic"

Report to be submitted for the 13th General Assembly, Intl. Union of Geodesy and Geophysics (IUGG), Berkeley Calif., 19-31 Aug 63

ZHUKOV, I.A.

Calculation of the annual variation of drift transport in the
upper layer of the North Atlantic. Trudy Len. gidromet. inst.
no. 17:52-56 '64. (MIRA 18:6)

ZHUKOV, L.A. (Moskva)

Simplifying transformations of the equivalent circuits of complex
electrical systems. Izv. AN SSSR. Energ. i transp. no.2:76-83
Mr-Apr '65. (MIRA 18:6)

ZHUKOV, I.A., kand.tekhn.nauk, dotsent; ZOTOV, V.I., inzh.

Effect of nonsymmetry and intermediate load impacts on the stability
of inter-system couplings. Elektricheskoye no.5:7-12 My '65.
(MIRA 18:6)

1. Moskovskiy energeticheskiy Institut.

ZHUKOV, L.A., kand. tekhn. nauk, dotsent (Moskva); FEDOROV, D.A., kand. tekhn. nauk, dotsent (Moskva)

Representation of synchronously operating generators in the equivalent circuits of electrical systems with approximate determination of the parameters of asynchronous modes of operation. Elektrichestvo no.7:1-7 (MIRA 17:11)
Jl '64.

ZHUKOV. L.A. (Moskva)

Determination of the steady modes of operation of the generators of complex electrical systems and of the coefficients of linearized equations of transient electromechanical processes using electronic digital computers. Izv. AN SSSR. Energ. i transp. no. 4:445-454. J1-Ag '64.
(MIRA 17:10)

ZHUKOV, L.A.; FEDOROV, D.A.

Experience in studying the asynchronous operation of
synchronous generators using an analog computer. Trudy
MEI no.54:83-92 '64. (MIRA 17:12)

ZHUKOV, L.A.

Use of a sequential approximations method in the calculation of a transient process and evaluation of the possibility of successful synchronization with connection of a generating plant into a network using a self-synchronization technique with great initial slippage. Trudy MEI no.54:295-308: '64.
(ICR: 17:12)

ZHUKOV, L.A. (Moskva)

Transformation of complex electric power systems in stability
calculations. Izv. AN SSSR. Energ. i transp no.2:202-209

Mr-Apr'64.

(MIRA 17:5)

ZHUKOV, L.A., kand.tekhn.nauk, dotsent; FEDOROV, D.A., kand.tekhn.nauk, dotsent

Determination of mutual and self-conductances in complex electric power systems. Izv. vys. ucheb. zav.; energ. 6 no.3:14-21 Apr '63
(MIRA 16:5)

1. Moskovskiy ordena Lenina energeticheskiy institut.
Predstavlena kafedroy elektricheskikh sistem.
(Electric networks)

ZHUKOV, L. A.

"Certain Points of the Theory of Synchronous Generators With Compound Exciters." Thesis for degree of Cand. Technical Sci., Sub 24 Jun 49, Moscow Order of Lenin Power Engineering Inst imeni V. M. Molotov.

Summary 82, 18 Dec 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

ZHUKOV, L. A.

USSR/Electricity - Transmission
Damping

Apr 51

"Effect of the Damping Moment and Damping Wind-
ings Upon the Dynamic Stability of Electric
Transmission System," Docent V. A. Venikov,
Cand Tech Sci, L. A. Zhukov, Cand Tech Sci, Mos-
cow Power Eng Inst Imeni Molotov

"Elektrichestvo" No 4, pp 7-16

Offers formulas for calcul of damping moment due
to actions of longitudinal and transverse damp-
ing windings and the exciting winding. Estab-
lished by calcul and expt that under operating co

178168

USSR/Electricity - Transmission (Contd) Apr 51

conditions characteristic for dynamic stability
calcul, effect of damping windings is consider-
ably less than that of the exciting winding. In-
fluence of latter may be decisive under opera-
ting conditions close to stability limit, espec-
ially for long-distance power transmission. Sub-
mitted 10 Oct (59. 50.

178168

USSR/Electricity - Transmission Lines

Jul 53

"No-Load Operating Conditions of Long-Distance Power Transmission," Docent V. A. Venikov, L. A. Zhukov, N. D. Anisimova (All Cands Tech Sci), Moscow Power Eng Inst im Molotov

Elektrichestvo, No 7, pp 3-16

Discusses phenomena such as instability in parallel operation, self-excitation of generators, associated with connecting and disconnecting long-distance transmission line (i.e., Kuybyshev-Moscow line) with local power system, giving phys analysis of processes

271T57

and proposing methods of calcul which were checked by expt on dynamic model. Submitted 25 Aug 52.

ZHUKOV, L. A.

Electrical Engineering Abstracts
May 1954
Transformers

① *Exciters*

1909. The problem of the improvement of the statical stability of long-distance power transmission.
L. A. Zhukov. *Elektrichestvo*, 1954, No. 1, 3-11.
In Russian.

The author shows that the introduction of an elastic current feedback in the field system of generators and exciters with compound excitation considerably extends the zone of stability of a long-distance transmission system, only the simplest type of proportional voltage regulators being required on the generator. The feedback element takes the form of a transformer connected into the exciter and sub-exciter circuit of the alternator. The limiting angles may approach the values corresponding to voltage constancy at the ends of the transmission line. The limit of the transmitted power may also be raised by using compound excitation of the exciters. However, a substantial increase of the limiting angles is obtainable only if the series field winding is strong enough. The experimental results obtained justify the hope that the feedback method will be able to compete with methods using special regulators.

B. F. KRAUS

CHILIKIN, M.G.; GLAZUNOV, A.A.; STEPANOV, V.N.; TELESHEV, B.A.; GRUDINSKIY,
P.G.; VENIKOV, V.A.; MEL'NIKOV, N.A.; ROGALI-LEVITSKIY, M.V.; GLAZUNOV,
A.A.; SOLDATKINA, L.A.; ZHUKOV, L.A.; ANISIMOVA, N.D.

A.IA.Riabkov. Obituary. Elektrichestvo no.3:92 Mr '54. . (MLRA 7:4)
(Riabkov, Aleksandr Iakovlevich, 1890-1954)

ZHUKOV, L.A.

KAZOVSKIY, Ye.Ya., kandidat tekhnicheskikh nauk.

"Transitional processes in electric power systems (Elements of theory and calculations)." V.A.Venikov, L.A.Zhukov. Reviewed by Ye.IA.Kazovskii. Elektrichestvo no.4:93-95 Ap '54. (MLRA 7:5)

1. Zavod "Elektrosila" im. Kirova. (Electric circuits) (Venikov, V.A.) (Zhukov, L.A.)

CHILIKIN, M.G.; GLAZUNOV, A.A.; STEPANOV, V.N.; TELESHEV, B.A.;
GRUDINSKIY, P.G.; VENIKOV, V.A.; MEL'NIKOV, N.A.;
ROGALI-LEVITSKIY, M.V.; ROZANOV, G.M.; GLAZUNOV, G.M.;
SOLDATKINA, L.A.; ZHUKOV, L.A.; ANISIMOVA, N.D.

Aleksandr Iakovlevich Riabkov; obituary. Elek.sta. 25 no.2:
59 F '54.

(MLRA 7:2)

(Riabkov, Aleksandr Iakovlevich, 1890-1954)

ROKOTYAN, Sergey Sergeyevich; ZHUKOV, L.A., redaktor; SKVORTSOV, I.M.,
tekhnicheskii redaktor

[Long-distance transmission of electric power] Peredacha elektricheskoi
energii na dal'nie rasstoyaniya. Moskva, Gos. energ. izd-vo, 1956.

77 p.

(MIRA 9:12)

(Electric power distribution)

VENIKOV, V.A., doktor tekhn.nauk, prof.; ZHUKOV, L.A., kand.tekhn.nauk, dots.;
SIUDA, I.P., kand.tekhn.nauk, dots.

Making the characteristics of long-distance electric lines more exact
by evaluating the efficiency of their performance. Trudy MBI no.26:
75-96 '57. (MIRA 11:9)

(Electric lines)

AZAR'YEV, Dmitriy Ivanovich; VENIKOV, V.A., doktor tekhn. nauk,
prof., retsenzent; ZHUKOV, L.A., kand. tekhn. nauk, dots.,
red.; LARIONOV, G.Ye., ~~tekhn. red.~~

[Mathematical simulation of electrical systems] Matematicheskoe
modelirovanie elektricheskikh sistem. Moskva, Gosenergoizdat,
1962. 206 p. (MIRA 15:9)

(Electric network analyzers) (Electric networks)

(Electronic calculating machines)

ANISIMOVA, N.D.; VENIKOV, V.A., prof., doktor tekhn.nauk, laureat
Leninskoy premii; YEZHKOVA, V.V.; ZHUKOV, L.A.; NADEZHDA, S.V.;
ROZANOV, M.N.; FEDOROV, D.A.; TSOV'YANOV, A.N.; LARIONOV, G.Ye.,
tekhn.red.

[Examples and illustrations of transient processes in electrical
systems] Perekhodnye protsessy elektricheskikh sistem v pri-
merakh i illiustratsiyakh. By N.D.Anisimov i dr. Moskva, Gos.
energ.izd-vo, 1962. 383 p. (MIRA 15:4)

1. Kafedra "Elektricheskiye sistemy" Moskovskogo energeticheskogo
instituta (for all except Lationov). 2. Zaveduyushchiy kafedroy
"Elektricheskiye sistemy" Moskovskogo energeticheskogo instituta
(for Venikov).

(Transients (Electricity)) (Electric networks)

ZHUKOV, L.A., kand.tekhn.nauk, dotsent

Equivalent conversions of the design diagrams of complex electrical systems. 'Elektrichestvo no.4:26-30 Ap '62.

(MIRA 15:5)

1. Moskovskiy energeticheskoy institut.
(Electric power distribution)

ZHUKOV, L.A., kand. tekhn. nauk, dotsent; FEDOROV, D.A., kand. tekhn. nauk, dotsent; LAUGERBAKH, E., inzh.; MARYUTIN, V.A., inzh.

Study of the effect of automatic excitation control on the e.m.f. of generators operating in a steady asynchronous mode in a simple electrical system. Elektrichestvo no.10:38-42 O '64.

(MIRA 17:12)

1. Moskovskiy energeticheskiy institut.

PENTELEYEV, A.N.; ZHUKOV, L.B.

Effect of malonic acid on the respiration and the transformation of organic acids in onions. [with summary in English] Vest. LGU 18 no.21:65-71 '63 (MIRA 16:12)

ZHUKOV, L. B., PANTELEYEV, A.N., (USSR)

"Special Features of the Action of Malonic Acid on
Organic Acid Metabolism in Plants."

Report presented at the 5th Int'l. Biochemistry Congress,
Moscow, 10-16 Aug 1961.

ZHUKOV, L. F.

Causes of an accident. Put' i put. khoz. 7 no.3:44-45 '63.
(MIRA 16:4)

(Railroads—Maintenance and repair)

ZHUKOV, L.F.

Instructions and sense of responsibility. Put' i put. khoz. 7
no.11:42-43 '63. (MIRA 16:12)

ZHUKOV, L.F.

These are not unimportant details. Put' i put.khoz. 4 no.3:
42-43 Mr '60. (MIRA 13:5)
(Railroads--Employees)

ZHUKOV, L.F.

There is no excuse for negligence. Put' 1 put. khoz. 7 no.10:
36-37 '63. (MIRA 16:12)

ZHUKOV, L.F.

Angle in a curve. Put' i put. khoz. 7 no.5:40-41 '63.
(MIRA 16:7)
(Railroads--Maintenance and repair)

ZHUKOV, L.F.

Short of ballast crushed stone. Put' i put.khoz. 7 no.9:45-46
'63. (MIRA 16:10)

ZHUKOV, L.F.

Heroic routine activities of railroaders. Put' i put.khoz. 7 no.8;
41-42 '63. (MIRA 16:9)

(Railroads— Employees)

ZHUKOV, L.F.

Reliable method for repairing root fastenings. Put' 1 put. khoz.
no.6:42-43 Je '59. (MIRA 12:10)
(Railroads--Crossings) (Railroads--Accidents)

ZHUKOV, L.F.

Brigade chief Anastasiia Aleksseevna Sukhova. Put' i put.khoz.
4 no.1:20 Ja '60, (MIRA 13:5)
(Orel District--Railroads)

ZHUKOV, I. I.

Rudnichnye skipovye i klet'evye naklonnye pod'emnye ustanovki. Moskva, Metallurgizdat, 1944. 263 p. diags., tables.

Bibliography: p. (262)

(Mine sloping skip hoists and cage lifts.)

DLC: TN339.Z5

SO:: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

ZHUKOV, L. I.

ARASHKEVICH, V.M., dotsent; VESELOV, A.I., professor; VOLOTKOVSKIY, S.A., professor; ZHUKOV, L.I., dotsent; IPPOLITOV, M.D., dotsent; KUTYUKHIN, P.I., dotsent; KOMPANEYETS, V.P., dotsent; MALAKHOV, A.Ye., professor; NEUDACHIN, G.I., dotsent; RYABUKHIN, G.Ye., professor; SAKOVTSSEV, G.P., dotsent; STOYLOV, B.A., dotsent; TROP, A.Ye., dotsent; FEDOROV, S.A., professor; YAROSH, A.Ye., dotsent, redaktor; TARKHOV, A.G., redaktor; GAMBURTSEVA, Ye.Ye., redaktor; GUROVA, O.A., tekhnicheskij redaktor.

[Collection of articles on geophysical methods of prospecting]
Sbornik statei po geofizicheskim metodam razvedki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane neдр, 1955. 109 p.
(MLRA 8:11)

1. Sverdlovsk. Gornyy institut.
(Prospecting--Geophysical methods)

ZHUKOV, L.I.

ARASHKEVICH, V.M., dotsent, redaktor; VESELOV, A.M., professor, redaktor;
VOLOTEOVSKIY, S.A., professor, redaktor; ZHUKOV, L.I., dotsent,
redaktor; IPPOLITOV, N.D., dotsent, redaktor; KAMPANEYETS, V.P.,
dotsent, redaktor; KUTYUKHIN, P.I., dotsent, redaktor; MALAKHOV,
A.Ye., professor, redaktor; MEUDACHIN, G.I., dotsent, redaktor;
RYABUKHIN, G.Ye., professor, redaktor; SAKOVTSYEV, G.P., dotsent,
redaktor; STOYLOV, B.A., dotsent, redaktor; TROP, A.Ye., dotsent,
redaktor; FEDOROV, S.A., professor, redaktor; YAROSH, A.Ya.,
dotsent, redaktor; SLAVOROSOV, A.Kh, redaktor izdatel'stva;
ALADOVA, Ye.I., tekhnicheskiy redaktor

[Problems in the efficient organization of surveying in mining
enterprises] Voprosy ratsionalizatsii marksheidarskoi sluzhby na
gornyykh predpriyatiyakh. Moskva, Ugletekhizdat, 1955. 128 p.

(MLRA 9:10)

1. Sverdlovsk, Gornyy institut.
(Mine surveying)

ZHUKOV, L. I., inzhener

~~Секрет~~
Centralized delivery of materials to construction sites. Stroi.
prom. 33 no.7:35-37 J1 '55. (MIRA 8:9)
(Building materials--Transportation)

ZHUKOV, LEONID IVANOVICH

11/5

741.31

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1956

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480 P. Illus., Diagr., Tables.

MEA

TROP, A.Ye., prof.; ZHUKOV, L.I., dotsent

Transportation problems at mining enterprises. Izv. vys. ucheb.
zav.; gor. zhur. 6 no.8:183-185 '63. (MIRA 16:10)

ZHUKOV, L.I., dotsent

Torque caused by the stretching of a double-twisted wire mine
cable. Izv. vys. ucheb. zav.; gor. zhur. 6 no.3:84-92 '63.
(MIRA 16;10)
1. Sverdlovskiy gornyy institut imeni V.V.Vakhrushova.
Rekomendovana kafedroy gornykh mashin i rudnichnogo transporta.

ZHUKOV, L.I., dotsent

Performance of steel wire ropes under tension. Izv. vys. ucheb. zav.;
gor. zhur. no.9:92-104 '59. (MIRA 14:6)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva. Rekomendovana
kafedroy rudnichnogo transporta.
(Wire rope)

ZHUKOV, L.I., dotsent

Lateral deformation of a wire rope under stress. Inv. vys. ucheb.
zav.; gor. zhur. no.11:72-83 1959. (MIRA 14:5)

1. Sverdlovskiy gornyy institut imeni V. V. Vakhrusheva.
Rekomendovana kafedroy gornykh mashin i rudnichnogo transporta.
(Wire rope)
(Deformations(Mechanics))

ZHUKOV, L.I., dotsent

Forces bringing together rope wires in bending. Izv.vys.ucheb.
zav.; gor. zhur. no.6:85-94 '60. (MIRA 14:5)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva. Rekomendovana
kafedroy gornykh mashin i rudnichnogo transporta.
(Wire rope)

ZHUKOV, L.I., dotsent

Angles of twists of strands of mine hoisting and hauling ropes.
Izv.vys.ucheb.zav.; gor.zhur. no.4:106-111 '60. (MIRA 14:4)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva.
Rekomendovana kafedroy gornyykh mashin i rudnichnogo transporta.

(Wire rope)

ZHUKOV, L.I., dotsent

Curvature radius of a free bending wire rope curve. Isv.
vys.ucheb,zav.; gor.zhur. no.7:104-110 '60.
(MIRA 13:7)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva.
Rekomendovana kafedroy gornykh mashin i rudnichnogo trans-
porta.

(Wire rope) (Curvature)

ZHUKOV, L.I., dotsent

Determining the weight of an electric underground haulage train
by its braking distance. Izv.vys.ucheb.zav.; gor.shur. no.1:
115-118 '60. (MIRA 13:6)

1. Sverdlovskiy gornyy institut imeni V.V. Vakhrusheva.
Rekomendovana kafedroy rudnichnogo transporta.
(Mine railroads--Brakes)

SEMENOVA, N.V.; ZHUKOV, L.L.

Method of rapid alloy testing for electric heating elements.
Sbor.trud.TSNIICM no.22:150-159 '59. (MIRA 13:6)
(Alloys--Electric properties) (Electric heating--Testing)

ZHUKOV, L.I., dotsent

Inertia moment of the axial section of rope wires. Izv.vys.ucheb.
zav.; gor.zhur. no.8:93-100 '59. (MIRA 13:5)

1. Sverdlovskiy gornyy instiqt imeni V.V.Vakhrusheva.
Rekomendovana kafedroy gornyykh mashin i rudnichnogo transporta
Sverdlovskogo gornogo instituta.
(Wire rope)

ZHUKOV, L.I., dotsent

Wire section contours in spiral twist wire ropes. Izv.vys.
ucheb.zav.; gor.shur. no.7:87-98 '59. (MIRA 13:4)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva.
Rekomendovana kafedroy rudnichnogo transporta.
(Mine hoisting) (Wire rope)

ZHUKOV, L. I.

ALATORTSEV, S.A., prof., doktor tekhn.nauk; ANDREYEV, A.V., kand.tekhn.nauk; ANCHAROV, I.L., inzh.; BALINSKIY, S.I., inzh.; BELOUSOV, V.G., inzh.; VINNITSKIY, K.Ye., kand.tekhn.nauk; VLASOV, V.M., inzh.; VORONTSOV, N.P., kand.tekhn.nauk; GIPSMAN, M.K., inzh.; GLUZMAN, I.S., kand.tekhn.nauk; GUR'YEV, S.V., kand.tekhn.nauk [deceased]; DEMIN, A.M., kand.tekhn.nauk; YEGURNOV, G.P., kand.tekhn.nauk; YEFIMOV, I.P., inzh.; ZHUKOV, L.I., kand.tekhn.nauk; ZEL'TSER, N.M., inzh.; KOSACHEV, M.N., kand.tekhn.nauk; KOTOV, A.F., inzh.; KUDINOV, G.P., inzh.; LAPOVENKO, N.A., kand.tekhn.nauk; MAZUROK, S.F., inzh.; MEL'NIKOV, N.V.; MUDRIK, N.G., inzh.; NIKONOV, G.P., kand.tekhn.nauk; ORLOV, Ye.I., inzh.; POTAPOV, M.G., kand.tekhn.nauk; PRISEDSKIY, G.V., inzh.; RZHEVSKIY, V.V., prof., doktor tekhn.nauk; RYAKHIN, V.A., kand.tekhn.nauk; SIMKIN, B.A., kand.tekhn.nauk; SITNIKOV, I.Ye., inzh.; SOROKIN, V.I., inzh.; STASYUK, V.N., kand.tekhn.nauk; STAKHEVICH, Ye.B., inzh.; SUSHCHENKO, A.A., inzh.; TYUTIN, I.F., inzh.; TYMOVSKIY, L.G., inzh.; FISENKO, G.L., kand.tekhn.nauk; FURMANOV, B.M., inzh.; SHATAYEV, M.G., inzh.; SLESKO, Ye.F., prof., doktor tekhn.nauk; TERPIGOREV, A.M., glavnyy red. [deceased];

(Continued on next card)

ALATORTSEV, S.A.---(continued) Card 2.

KIT, I.K., zamestitel' glavnogo red.; SHESHKO, Ye.F., zamestitel' otv.red.; BUGOSLAVSKIY, Yu.K., red.; BYKHOVSKAYA, S.N., red.; DIONIS'YEV, A.I., kand.tekhn.nauk, red.; KOZIN, Yu.V., red.; SOKOLOVSKIY, M.M., red.; YASTREBOV, A.I., red.; DEMIDYUK, G.P., kand.tekhn.nauk, red.; KRIVSKIY, M.N., kand.tekhn.nauk, red.; LYUBIMOV, B.N., inzh., red.; MOLOKANOV, P.L., inzh., red.; REISH, A.K., inzh., red.; RODIONOV, L.Ye., kand.tekhn.nauk, red.; SLAVUTSKIY, S.O., inzh., red.; TRAKHMAN, A.I., inzh., red.; TRYMOV-SKIY, L.G., inzh., red.; FIDEL'EV, A.S., doktor tekhn.nauk, red.; SHUKHOV, A.N., kand.tekhn.nauk, red.; TER-IZRAEL'YAN, T.G., red. izd-va; PROZOROVSKAYA, V.L., tekhn.red.; KONDRAT'YEVA, M.A., tekhn.red.

(Continued on next card)

ALATORTSEV, S.A.---(continued) Card 3.

[Mining; an encyclopedic dictionary] Gornoe delo; entsiklopedicheskii spravochnik. Glav.red.A.M.Terpigorev. Chleny glav.red.A.I.Baranov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu. Vol.10. [Mining coal deposits by the open-cut method] Razrabotka ugol'nykh mestorozhdenii otkrytym sposobom. Redkollegiia toma; N.V.Mel'nikov i dr. 1960. 625 p. (MIRA 13:2)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Coal mines and mining) (Strip mining)

ZHUKOV, L.I., dots.

Inclined block skip hoisters in open pit mines. Izv.vys.ucheb.zav.;
gor.zhur. no.5:49-58 ' 58. (MIRA 12:1)

1. Sverdlovskiy gornyy institut.
(Strip mining) (Mine hoisting)

PLATE I BOOK REFERENCE 207/2940

Moscow. Central'nyy nauchno-issledovatel'skiy institut Cherny metallurgii.
Institut prikladnykh spirov
Priborostroyeniye spirov (Precision Alloy) Moscow, Metallurgizdat, 1959. 268 p.
(Series: Na. Spirovskiy, 1972-22) 2,150 copies printed.
Additional Sponsoring Agency: USSR. Gosstatizdaty planovyy kmitet
Na. D. I. Gubril'yev; Na. of Publishing House: Ye. I. Levit; Tech. Ed.:
P. O. Isakov'yev.

PURPOSE: This collection of articles is intended for technical personnel
and scientific workers in the metallurgical, instrument-manufacturing,
and electrical-equipment-manufacturing industries. It may also be
useful to students of schools of higher technical education.

SCOPE: This collection of articles presents the results of studies of
precision alloys made in recent years by the Central'nyy nauchno-
issledovatel'skiy institut Cherny metallurgii (Central Scientific
Research Institute of Ferrous Metallurgy). Properties of metal alloys
which can be soldered (soft or hard) with glass and ceramic materials
and alloys used for making springs are discussed. Examples of
electrical resistance and thermal expansion and the effect of
irradiation on properties of alloys are considered. Problems
connected with the determination of magnetic susceptibility and with
rolling of metallic strips are reviewed. An analysis of alloys used
in manufacturing high-temperature transformers and strips and in
presented. No personalities are mentioned. References follow several
of the articles.

1. V. A. Solov'yev, and K. A. Solov'yev. New Alloy for Instrument
Parts 32

2. A. G. I. P. Melnikov, and V. A. Solov'yev. Utilization of the
KORDUM Alloy for Making Drive Springs 37

3. Kordina, M. M., E. A. Golovinskiy, and V. A. Solov'yev. Structural
Transformation of the KORDUM Alloy in the Range of Art-Determination
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4. Kordina, M. M., E. A. Golovinskiy, and V. A. Solov'yev. On the Problem of
Cold Striking of the KORDUM Spring Alloy 81

5. Solov'yev, V. A., and V. A. Solov'yev. Effect of Multidimensional Properties
of the KORDUM (KORDUM) Alloy 91

6. Chernov, E. G. Elongation Alloys Used for Elastic Sensing Elements
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7. Chernov, E. G. The Modified SPIDER (A) Alloy for Spiral (Hair)
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8. Pecher, L. P., and V. I. Smolin. Investigation of the Dependence of
Magnetization Magnetization on the Loading of Iron-Alloy Alloys With
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9. Kuznetsov, V. G., and E. P. Gerasimov. Study of the Loading of Alloys
Strips in Rolling 129

10. Kuznetsov, V. G., and E. P. Gerasimov. Methods of Short-Time Testing of
Alloys Used for Electrical Sensing Elements 130

11. Al'tman, O. F., O. F. Iyechukov, and V. A. Solov'yev. Determination
of Magnetic Susceptibility of a Thin Wire Made of Low-Alloy Ma-
terial 160

12. Artyukhin, M. A., S. S. Vasil'yev, O. F. Iyechukov, and V. P.
Saliukh. Effect of Deformation Irradiation on Electrical Resistance
of Self-Ordering and Aging Alloys 163

13. Artyukhin, M. A., On the Problem of the Structure of the State in Alloys
177

14. Klyutina, O. F. High-Resistance Alloy Used for Strain Gages 183

15. Klyutina, O. F. Alloys for High-Temperature Transformers 205

16. Chernov, E. G. On the Problem of the Electrical-Resistance Anomaly
of the KORDUM Alloy 226

17. Chernov, E. G., and E. A. Smolova. Electrical Properties of KORDUM
and Iron-Chrome-Aluminum Alloys 243

S 776 12/000.026 034/015

AUTHORS: Semenova, N. V., Zhukov, L. L.

TITLE: [Illegible]

The improvement of Nichrome for heating elements. S/776/62/300/G25/G24/G25

The initial slag consists of 65% CaO, 25% MgO and 10% CaF₂. After an initial life-

new-crocodile-slag is added. Al and Si. The new-crocodile-slag is added to the initial slag. The new-crocodile-slag is added to the initial slag. The new-crocodile-slag is added to the initial slag.

For the purpose of the test, the new-crocodile-slag is added to the initial slag. The new-crocodile-slag is added to the initial slag. The new-crocodile-slag is added to the initial slag.

Card 4/5

The improvement of Nichrome for heating elements. 5 176 1170-1, 025/024/025

Card 3/3

ZHUKOV, L.P., inzh.

Experience in the transition to business accounting. Vest. svyazi
22 no.9:27 S '62. (MIRA 15:9)
(Radio stations) (Television stations)

ZHUKOV, M.; LAVRETISOV, Ye.

Why some enterprises of the Karelian Economic Council are unprofitable. Fin. SSSR 22 no.4:37-39 Ap '61. (MIRA 14:4)

1. Starshiye kontrolery-revizory Kontrol'no-revizionnogo upravleniya Ministerstva finansov RSFSR po Karel'skoy ASSR.
(Karelia--Sawmills--Finance)

DAVIDENKO, K.; KOROLEV, S.; CHERNOUSOV, M.; ZHUKOV, M., red.;
AIZUPIYTE, M. [Aizupiete, M.], tekhn.red.

[Flax, the northern silk; from the experience of the "Krasnyi
Oktiabr'" Collective Farm, Preyli District] Len - severnyi
shelk; iz opyta kolkhosa "Krasnyi Oktiabr'", Preil'skogo
raiona. Riga, Latvieskos gos.izd-vo, 1960. 72 p.

(MIRA 14:12)

(Preyli District--Flax)

ZHUKOV, M.

There, where accounting and control are organized badly. Fin.
SSSR 23 no.4:50-52 Ap '62. (MIRA 15:4)

1. Starshiy kontroler-revizor kul'turno-revizionnogo upravleniya
Ministerstva finansov RSFSR po Karel'skoy ASSR.
(Karelia--Lumbering--Auditing and inspection)

GOL'DENBERG, Sh.A.; ZHUKOV, M.A.

The US-2M universal woodworking machine. Biul.tekh.-ekon.inform.
no.2141-43 '62. (MIRA 15:3)

(Woodworking machinery)

LYUSTGARTEN, Ye. I.; LI, V. P.; PASHKOV, A. B.; SKAKAL'SKAYA, N. B.;
DAVIDOVA, T. I.; ZHUKOV, M. A.

Synthesis and analysis of copolymers with a macroporous
structure. Plast. massy no. 5:7-10 '64. (MIRA 17:5)

ZHUKOV, M.A.; KOPYATKEVICH, R.A.

Famennian marine deposits in Kokchetav Province. Vest. AN Kazakh.
SSR 16 no.1:85-88 Ja '60. (MIRA 13:5)
(Kokchetav Province--Geology, Stratigraphic)

ZHUKOV, M. A.

"Genesis of One Lead Ore Development", Vestn. AN KazakhSSR, No 1, 109-113, 1954.

The author describes the manifestation of lead mineralization in one of the regions of Northwest Fribalkhash'. The dissemination of the galenite is coordinate with the horizon of limestones lying in the stratum of the brecciated rocks of the Upper Devonian and Lower Carboniferous. This fact is considered by some geologists as a persuasive reason to use the sedimentary origin of the given mineralization. The author concludes that the source of the lead ore is the ascending postmagmatic solutions occurring in the concluding stage of formation of the Variss granite massif, (RZhGeol, No 5, 1954). SO: Sum. No. 443, 5 Apr. 55

ABDULKABIROVA, M.A.; ALEKSANDROVA, M.I.; AFONICHEV, N.A.; BANDALETOV, S.M.; BESPALOV, V.F.; BOGDANOV, A.A.; BOROVNIKOV, L.I.; BORSUK, B.I.; BORUKAYEV, R.A.; BUVALKIN, A.K.; BYKOVA, M.S.; DVORTSOVA, K.I.; DEMBO, T.M.; ZHUKOV, M.A.; ZVONTSOV, V.S.; IVSHIN, N.K.; KOPYATKEVICH, R.A.; KOSTENKO, N.N.; KUMPAN, A.S.; KURDYUKOV, K.V.; LAVROV, V.V.; LYAPICHEV, G.F.; MAZURKEVICH, M.V.; MIKHAYLOV, A.Ye.; MIKHAYLOV, N.P.; MYCHNIK, M.B.; NIDLENKO, Ye.N.; NIKITIN, I.F.; NIKIFOROVA, K.V.; NIKOLAYEV, N.I.; PUPYSHEV, N.A.; RASKATOV, G.I.; RENGARTEN, P.A.; SAVICHEVA, A.Ye.; SALIN, B.A.; SEVRYUGIN, N.A.; SEMENOV, A.I.; CHERNYAKHOVSKIY, A.G.; CHUYKOVA, V.G.; SHLYGIN, Ye.D.; SHUL'GA, V.M.; EL'GER, E.S.; YAGOVKIN, V.I.; NALIVKIN, D.V., akademik, red.; PERMINOV, S.V., red.; MAKRUUSHIN, V.A., tekhn.red.

[Geological structure of central and southern Kazakhstan]
 Geologicheskoe stroenie Tsentral'nogo i Iuzhnogo Kazakhstana.
 Leningrad, Otdel nauchno-tekhn.informatsii, 1961. 496 p.
 (Leningrad. Vsesoiuznyi geologicheskii institut. Materialy, no.41)
 (MIRA 14:7)

(Kazakhstan--Geology)

L 33248-65 EMT(m)/EPF(c)/EMO(m)/EFR/EMP(j)/E Pc-4/Pr-4/Ps-4 EPL EM/EMH/MW
ACCESSION NR: AP4035098 8/0191/64/000/005/0007/0010

AUTHOR: Lyustgarten, Ye.I.; Iz. V.P.; Pashkov, A.B.; Skakal'skaya, N.B.;
Davydova, T.I.; Zhukov, M.A.

TITLE: Synthesis and investigation of copolymers of macroporous structure

SOURCE: Plasticheskiye massy, no. 5, 1964, 7-10

TOPIC TAGS: styrene divinylbenzene copolymer, acenaphthylene divinylbenzene copolymer, synthesis, macroporous structure, macroporosity, microporosity, thermal stability, radiation stability, bulk density, chain transfer, chain termination, polymerization, copolymer swelling, cross linkage, ion exchange resin

ABSTRACT: The synthesis and properties of macroporous copolymers of styrene with divinylbenzene (DVB) and of acenaphthylene with DVB which are useful as ion exchange resins, were investigated in solvents in which they swell (toluene, carbon tetrachloride) and in which they do not swell (n-heptane, n-nonane). The structures of the copolymers with improved mechanical and kinetic properties were also examined. Of these two types of copolymers, the acenaphthylene-DVB ion exchange resin probably has a higher thermal and radiation stability. The copolymers made in toluene and CCl₄ were similar in appearance and bulk density to the usual copolymers, but

Card 1/2

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ACCESSION NR: AP4035098

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those synthesized in the aliphatic solvents formed dull granules of lower bulk density, characteristic of macroporous products. Thus, to obtain macroporous structure the solvent should mix with the initial monomer, should not cause chain transfer or termination, and not promote a swelling of the copolymer. The effect of the amount of solvent and of the extent of cross-linkage (DVB content) on the type of porosity was also examined. It was found that the macro- and average-size pores absorb cyclohexane, while all types of pores absorb toluene. The difference in absorption, therefore, determines the microporosity of the copolymers. The results indicated that increases in DVB and in solvent increase the total porosity of the copolymer and the macroporosity simultaneously with decrease in microporosity. The degree of macroporosity depends on the DVB to solvent ratio. For styrene copolymers the optimum ratio is 20-30 wt.% DVB and 50-60% (on weight of monomer) of n-heptane; for acenaphthylene copolymers 30-40% DVB and 40-50% n-nonane. "Work was conducted at the Ural State University under the direction of Prof. A.A. Tager." Original art. has: 1 table, 6 figures, and 5 equations.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: 00, 00

NO REF SOV: 003

OTHER: 013

Card 2/2

ZHUKOV, M.A.; RADCHENKO, I.I.

Age of ancient sediments in the central part of the Bet-Pak-Dala anticlinorium. Izv. AN Kazakh. SSR. Ser. geol. 21 no.3:88-92
My-Je '64. (MIRA 17:11)

1. Kazakhskiy politekhnicheskij institut, Alma-Ata.

ZHUKOV, M. A.

USSR/Minerals - Lead deposits

Card 1/1 : Pub. 123 - 13/17

Authors : Zhukov, M. A.

Title : About the origin of a certain lead-ore deposit

Periodical : Vest. AN Kaz. SSR 11/1, 109-113, Jan 1954

Abstract : An analysis is made of the peculiarities of the geological structure of the Northwestern Balkan lead-ore deposit, the discovery of the origin of the lead-ore deposit is traced back to the lead-ore deposit in the Balkan Mountains.

Institution : ...

Submitted : ...

SHLYGIN, Ye.D.; ZHUKOV, M.A.; KOPYATKEVICH, R.A.

Tectonics and the geological history of the central part of
the eastern Kokchetav Trough (northern Kazakhstan). Sbor.nauch.
trud.KazGMI no.18:214-230 '59. (MIRA 15:2)
(Kokchetav Province--Geology)

KOPTEV-DVORNIKOV, V.S.; POLKVOY, O.S.; MARKOVA, N.G.; DMITRIYEV, L.V.;
YEFREMOVA, S.V.; YEZHOV, A.I.; ZHUKOV, M.A.; KOZLOV, A.V.; LEBEDEV,
A.P.; otv.red.; SHLEPOV, V.K., red.izd-va; ASTAF'YEVA, G.A., tekhn.red.

[Paleozoic intrusive complexes in Bet-Pak-Dala. Part 1] Paleozoiskie
intruzivnye komplekсы Betpakdala. Part.1. Moskva, Izd-vo Akad.nauk
SSSR, 1960. 239 p. (Akademiia nauk SSSR. Institut geologii rudnykh
mestorozhdenii, petrografii, mineralologii i geokhimii. Trudy, no.44)
(MIRA 13:12)

(Bet-Pak-Dala--Granite)